DOVE.

Speculum Anni à partu Virginis

MDCLXI.

AN

ALMANACK

for the year of our

LORD GOD

1661.

Being the first after Bissextile, or Leap year: And from the worlds Creation, according to the best account 5664.

Calculated properly for the famous *Universitie* and *Town* of *Cambridge*, where the Pole is elevated 52 degrees and 17 minutes.

But may indifferently serve for any other place within this Nation.

CAMBRIDGE:
Printed by *John Field*, Printer to the *Universitie*. 1661.

Anno Dom. 1661.

The Golden Number	9
The Cycle of the Sun	18
The Epact	9
Sundays after Trinity	24
The Dominical letter	F
Easter Day	*April* 14

This year is also from

Creation of the World	5664
Floud of Noah	4009
Promise made to Abraham	3586
Coming of the Israelites out of *Egypt*	3156
Building of London	2764
Building of Doncaster	2709
Foundation of the Temple by K. Solomon	2677
Building of York	2619
Building of Rome, *April* 21	2413
Beginning of the Captivity	2167
Burning of the temple by Nebuchadnezzar	2148
Building of it again by Zorobabel	2180
Beginning of Daniels 70 Weeks	2118
Building of the tower in London	2079
Death of Alexander the Great	1984
Building of Cambridge	1961
Conquest of Britain by Julius Cesar	1714
Constitution of the Julian year	1705
Baptisme of Christ	1635
Death of Christ	1632
Destruction of Jerusalem by the Romanes	1591

The

The Anatomie of mans body, as the parts thereof are attributed to the twelve Signes.

NOte that an unguent or plaister is best applyed, when the Moon is in that signe which is attributed unto that member wherunto it is applyed. But not so in letting of bloud.

January hath xxxi days.

Full moon the 5 day, 30 min. past 9 in the morn. Frosty.
Last quart. the 13 day, 56 min. past 2 aft. noon. cold abated.
New moon the 20 day, 34 m. past 2 after noon. very cold.
First quart. the 27 day, about 7 in the morn. Wind & snow

1	a	Circumcision	21	♑	56	Gem. 6	Rain or ☌ ☉ ♄
2	b	♄ 22 ♏	22		57	19	snow, with wind.
3	c	♆ 13 31 ♎	23		58	Cane. 2	♂ ☍ ☾
4	d	Celestinus	25	♒	0	14	Cold freezing
5	e	Simeon	26		1	27	weather.
6	f	Epiphanie	27		2	Leo 9	Thick air.
7	g	Julius	28		3	21	Snowy storm.
8	a	Erhardus	29		4	Virg. 3	☽ ☌ ☿
9	b	Sun in Aquar.	0	♓	5	14	□ ☾ ♀ Frosty
10	c	Paul eremi.	1		7	26	and clear.
11	d	Hyginus	2		8	Libra 8	Some wind.
12	e	♂ 13 45 ♈	3		9	20	☌ ☿ ☾
13	f	1 after Epiph.	4		10	Scorp. 2	Remission of
14	g	♀ 25 45 ♉	5		11	15	cold.
15	a	☿ 11 36 ♈	6		12	28	Various and
16	b	♄ 22 56 ♏	7		13	Sag. 11	milde.
17	c	Antonius	8		14	25	Rain and
18	d	Prisca	9		15	Capr. 9	wind.
19	e	♆ 13 51 ♎	10		16	24	☌ ♄ ☾
20	f	2 after Epiph.	11		17	Aquar. 9	Very △ ☌ ☾
21	g	Octab. Hilar.	12		18	24	cold, and like to
22	a	Vincent	13		19	Pisc. 10	snow, and freez.
23	b	Term begins	14		19	25	Fair and clear.
24	c	Timothy	15		20	Aries 9	Rain-like.
25	d	S. Pauls day	16		21	23	Some wind.
26	e	Polycarpus	17		22	Taur. 7	Hail. ☌ ♄ ♂
27	f	3 after Epiph.	18		23	20	Wind ☌ ♄ ♀
28	g	Quind. Hilar.	19		23	Gem. 4	and storms of
29	a	♂ 25 47 ♈	20		24	16	rain or snow.
30	b	Adelgund	21		25	29	♄ 23 35 ♏
31	c	♀ 16 18 ♈	22		25	Canc. 11	Fairer weather.

Day of the Month	Sun rising	Sun setting
	Ho. M.	Ho. M.
1	8 5	3 55
2	8 4	3 56
3	8 3	3 57
4	8 1	3 59
5	8 0	4 0
6	7 58	4 2
7	7 57	4 3
8	7 56	4 4
9	7 55	4 5
10	7 53	4 7
11	7 52	4 8
12	7 51	4 9
13	7 49	4 11
14	7 48	4 12
15	7 46	4 14
16	7 45	4 15
17	7 44	4 16
18	7 43	4 17
19	7 41	4 19
20	7 40	4 20
21	7 39	4 21
22	7 37	4 23
23	7 35	4 25
24	7 33	4 27
25	7 31	4 29
26	7 29	4 31
27	7 27	4 33
28	7 25	4 35
29	7 23	4 37
30	7 21	4 39
31	7 19	4 41

The year which begins on the first of January, is not that year which in matters legal we in England reckon by: for this is the Julian year, used in history and instituted by Julius Cesar. But the year by which we reckon, begins not till the 25 day of March, about eight days later,

January.

February hath xxviii days.

Full moon the 4 day, 30 min. past 4 in the morn. Cold n-
Last quarter the 12 day, 44 min. past 6 in the morn. wind.
New moon the 19 day, 34 min. before 1 in the morning.
First quarter the 25 day, 19 min. past 8 at night. rain or sn.

1	d	Bridget	23	26	Canc.	24	Snow and cold
2	e	Purif. of Mary	24	27	Leo	6	wind.
3	f	4 after Epiph.	25	27		17	✱ ♃ ☾
4	g	Crast. Purif.	26	28		29	*Flat Aquilo* and
5	a	Agatha	27	28	Virg.	11	is cold.
6	b	Dorothea	28	29		23	Missing clouds.
7	c	♄ 23 50 ♏	29	29	Libra	5	△ ☾ ☿
8	d	Sun in Pisces	0	♓ 30		17	White clouds.
9	e	Apollonia	1	30		29	□ ♀ ☾ Rain
10	f	Septuagesima	2	31	Scorp.	11	and very windy.
11	g	♃ 12 53 ♎	3	31		24	Much like.
12	a	Term ends	4	31	Sag.	7	✱ ♂ ☾ A little
13	b	♂ 7 21 ♒	5	32		20	milder.
14	c	Valentine m.	6	32	Capr.	4	Cloudy skie.
15	d	♀ 4 35 ♒	7	32		18	Fair a while.
16	e	☿ 22 34 ♒	8	32	Aquar.	3	☌ ♀ ☾ Rain
17	f	Sexagesima	9	32		18	or snow, with
18	g	Concordia	10	32	Pisces	3	cold winds and
19	a	♄ 23 58 ♏	11	33		18	blasts. △ ♄ ☾
20	b	♃ 12 6 ♎	12	33	Aries	3	Freezing and
21	c	♂ 13 33 ♒	13	33		18	fair. ✱ ♂ ☾
22	d	Cath. Pet.	14	33	Taur.	2	✱ ☿ ☾
23	e	♀ 14 21 ♒	15	33		16	Wind and wet.
24	f	Shrove-sunday	16	32	Gem.	0	Cloudy. ☍ ♄ ☾
25	g	☿ 7 57 ♓	17	32		13	Much rain or
26	a	♄ ret. 23 56 ♏	18	32		26	snow with wind
27	b	Ashwednesday	19	32	Canc.	8	and some hail.
28	c	♃ 11 15 ♎	20	32		20	△ ♄ ☾ cool.

Numa brought in this moneth, and from *Februus* (otherwise *Pluto*) called it February: in honour of whom the Heathens used in this moneth to offer great sacrifices, and to perform vows for the souls of the dead. These sacrifices they called *Amburbia, Ambervalia, Lustralia, & Februa.*

February.

Day of the moneth.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	7	17	4	43
2	7	15	4	45
3	7	13	4	47
4	7	10	4	50
5	7	8	4	52
6	7	6	4	54
7	7	4	4	56
8	7	2	4	58
9	7	0	5	0
10	6	58	5	2
11	6	56	5	4
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	44	5	16
18	6	42	5	18
19	6	40	5	20
20	6	38	5	22
21	6	36	5	24
22	6	34	5	26
23	6	32	5	28
24	6	30	5	30
25	6	28	5	32
26	6	26	5	34
27	6	24	5	36
28	6	22	5	38

March hath xxxi days.

Full moon the 5 day, at 13 at night. Wind and hail.
Last quarter the 13 day, 27 min. past 6 at night. Temperate
New moon 20 day, 44 min. past 9 in the morn. Windy.
First quarter the 27 day, 22 m. past 11 before noon. Misling

1	D	David	22	32	Leo	3	Cool.
2	E	Simplicius	22	31		14	☌ ☿ ☾
3	F	Quadragesima	23	31		26	Snow c? very
4	G	Adrian	24	31	Virgo	8	cold rain.
5	A	☿ 10 41 ♎	25	30		20	Wind and
6	B	Fridoline	26	30	Libra	2	hail.
7	C	Perpetua	27	25		14	☍ ☿ ☾
8	D	☿ ☉ 17 ♓	28	29		26	Great wind
9	E	☿ 0 53 ♈	29	28	Scorp.	8	SS ☿ ☿ Wetting
10	F	Sun in Aries	0	♈ 28		21	clouds.
11	G	♄ 23 40 ♏	1	27	Sag.	2	Temperate and
12	A	Gregory	2	26		16	good.
13	B	☿ 9 40 ♎	3	26	Capr.	0	☌ ☿ ☿ But now
14	C	♃ 29 51 ♒	4	25		13	very windy.
15	D	☿ 8 50 ♌	5	24		27	Fair and
16	E	Cyriacus	6	23	Aqua.	12	good.
17	F	☽ fund. in lent	7	22		26	☍ ☌ ☾ Warm.
18	G	☿ 19 11 ♈	8	22	Pisc.	11	but misle and
19	A	Joseph husb. M	9	21		26	windy.
20	B	♄ 21 19 ♏	10	20	Aries	11	☋ ♄ ☿ ☉ eclipſ.
21	C	Benedict	11	19		26	More wind.
22	D	☿ 8 31 ♎	12	18	Taur.	11	Milder.
23	E	♂ 6 53 ♓	13	17		25	Cloudy morn.
24	F	Midlent ſund.	14	16	Gem.	8	Temperate.
25	G	Annun. Mary	15	15		22	Rain ☐ ☿ ☾
26	A	Eastning	16	13	Canc.	5	△ ♄ ☿ Cool
27	B	☿ 23 32 ♓	17	12		17	and misling.
28	C	☿ 6 37 ☿	18	11		29	△ ☿ ☾
29	D	Eustachius	19	10	Leo	11	South winds
30	E	Guido	20	8		23	but cold.
31	F	☽ ſund. in lent	21	7	Virg.	5	Fair △ ☿ ☾

Day of the month.	Sun rising. Ho. M.	Sun setting. Ho. M.
1	6 18	5 42
2	6 16	5 44
3	6 14	5 46
4	6 12	5 48
5	6 10	5 50
6	6 8	5 52
7	6 6	5 54
8	6 4	5 56
9	6 2	5 58
10	6 0	6 0
11	5 58	6 2
12	5 56	6 4
13	5 54	6 6
14	5 52	6 8
15	5 50	6 10
16	5 48	6 12
17	5 46	6 14
18	5 44	6 16
19	5 42	6 18
20	5 40	6 20
21	5 38	6 22
22	5 36	6 24
23	5 34	6 26
24	5 32	6 28
25	5 30	6 30
26	5 29	6 31
27	5 27	6 33
28	5 25	6 35
29	5 23	6 37
30	5 21	6 39
31	5 19	6 41

Romulus (first king of the Romanes) gave the name of March to this moneth, in honour of Mars his supposed father. This was about the time of the building of Rome, and was then by the old Romanes accounted the first moneth of the year, afterwards January came to be the first.

March.

April hath xxx days.

Full moon the 4 day, 43 min. past 3 after noon. Sleet.
Last quarter the 12 day, 37 min. past 2 in the morn. Fair
New moon 18 day, at 7 after noon.
First quarter the 26 day, 2 minutes past 4 in the morn.

1	g	♄ 22 43 ♏	22	6	Virg. 17	✶♄☾	cool morn
2	a	Mary Egypt	23	4	29	Wind and wet.
3	b	☿ 7 2 ♎	24	3	Libra 11	☌☿☾	Fair.
4	c	Ambrose bish	25	1	23	Sleet. ✶☌♀
5	d	♂ 16 58 ♐	26	0	Scorp. 5	A little warmer.
6	e	♀ 5 47 ♈	27	58	18	Cloudy and moist
7	f	Palm-sunday	28	57	Sag. 0	✶☿☾	Cool.
8	g	☿ 16 43 ♉	29	55	13	□☌☾	Warm
9	a	♄ 22 13 ♏	0 ♉	53	27	△☉☾	and
10	b	Sun in Taurus	1	52	Capr. 10	good springing
11	c	☿ 6 7 ♎	2	50	24	weather.
12	d	Julius	3	48	Aquar. 7	△☿☾
13	e	Justinus	4	47	21	Some morning
14	f	Easter day	4	45	Pisces 6	frosts. ✶☉☾
15	g	Olympia	5	43	20	Warm moist and
16	a	♂ 25 28 ♐	6	41	Aries 5	good. ☌☿☾
17	b	♀ 19 16 ♈	7	39	20	Thunder-like.
18	c	Valerius	8	37	Taur. 4	☌☊☾
19	d	♀ 15 47 ♉	9	35	19	Cool nights.
20	e	♄ 21 26 ♏	10	33	Gem. 3	Fair and very
21	f	Low-sunday	11	31	16	good.
22	g	☿ 5 5 ♎	12	29	Canc. 0	Some showers.
23	a	George mart.	13	27	13	Wind. ✶☉☾
24	b	♂ 1 35 ♈	14	25	25	Rain at night.
25	c	Mark Evang.	15	23	Leo 8	Some wind.
26	d	♀ 0 18 ♉	16	21	20	□♄☾
27	e	Anastatius	17	19	Virg. 1	△♀☾	Hot
28	f	☉ sun. aft. East	18	16	13	weather, but
29	g	♀ 10 9 ♉	19	14	25	windy. ✶♄☾
30	a	♄ 20 43 ♏	20	12	Libra 7	Over-cast & cool.

On the 15 day of the moneth Abib the children of Israel came out of *Egypt*, 430 years after the Promise. This was (by true account) in the year of the Julian Period 3224, *April* 30, *feria sexta*, or sixth day of the week: even as on the same day of the week Christ suffered to redeem us.

Day of the moneth.	Sun rising. Ho.	Sun rising. M.	Sun setting. Ho.	Sun setting. M.
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	14
17	4	44	7	16
18	4	43	7	17
19	4	41	7	19
20	4	39	7	21
21	4	37	7	23
22	4	35	7	25
23	4	34	7	26
24	4	32	7	28
25	4	31	7	29
26	4	29	7	31
27	4	27	7	33
28	4	25	7	35
29	4	24	7	36
30	4	22	7	38

April.

May hath xxxi days.

Full moon the 4 day, 49 min. past 5 in the morn. Cool.
Last quarter 11 day, 32 m. past 8 in the morning.
New moon the 25 day, past 4 in the morning.
First quarter the 25 day, 38 min. past 9 in nights. Thund

1	b	Philip & Jam.	21	10	Libra 19		A cold beginning
2	c	Term beg. 1 d.	22	7	Scorp. 1		☍ ☌ ♀ Wind
3	d	☿ 4 22 ♎	23	5		14	and showers.
4	e	Florianus	24	3		27	Cool and cloudy.
5	f	3 aft. Easter	25	c	Sag.	10	This week look
6	g	Tres Pasch.	25	58		23	for better wea-
7	a	☌ 11 28 ♈	26	55	Capr.	17	ther.
8	b	♀ 15 0 ♉	27	53		20	✳ ♄ ☾
9	c	♀ 8 42 ♉	28	50	Aqua.	4	△ ☿ ☾
10	d	♄ 19 58 ♏	29	48		18	Rain or thunder.
11	e	Sun in Gem.	0	♊ 45	Pisc.	2	□ ☉ ☾
12	f	4 after Easter	1	43		16	Moist and cool.
13	g	Mens Pasch.	2	40	Aries	0	Fair and good.
14	a	☿ 3 59 ♎	3	38		15	Thunder-like.
15	b	Sophia	4	35		29	♀ near Pleiades.
16	c	☌ 28 15 ♈	5	33	Taur.	13	A cloudy
17	d	♀ 26 1 ♉	6	30		27	moist air.
18	e	Potentis	7	27	Gem.	11	☌ ☉ ☾
19	f	Rogation sund	8	25		24	✳ ☌ ☾
20	g	Quinq. Pasch.	9	22	Canc.	8	Temp. ♏ ☿ ☾
21	a	♀ 16 20 ♉	10	19		21	□ ☌ ☾ Thund.
22	b	♄ 19 7 ♏	11	16	Leo	3	✳ ☿ ☾ Fair
23	c	Ascension day	12	14		15	Wind and some
24	d	Craft. Ascen.	13	11		27	wet.
25	e	Urbanus	14	8	Virg.	9	Thunder or rain.
26	f	6 after Easter	15	5		21	Fine temperate
27	g	Term ends	16	3	Libra	3	weather.
28	a	☿ 3 59 ♎	17	0		15	△ ☉ ☾
29	b	☌ 27 54 ♈	17	57		27	A various and
30	c	Wigandus	18	54	Scorp.	9	obscure tide to
31	d	♀ 13 10 ♊	19	51		21	the moneths end.

The 16 day of *Iiar* (which was the second moneth after the coming out of Egypt) Manna was first rained from heaven to feed the Israelites; which (according to the Julian Period) fell out to be May 30, *feria prima*: & from thence was continued by the space of 40 years till they came into Canaan.

Dayes of the moneth.	Sun rising.		Sun setting.	
	Ho.	M.	Ho.	M.
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	48	8	12
30	3	47	8	13
31	3	47	8	13

May.

Junē hath xxx dayes.

Full moon the 2 day, 9 min. past 5 after noon.
Last quarter the 9 day, 33 min. past 2 after noon. Rain-like.
New moon the 16 day, 15 min. past 3 after noon. Windy.
First quarter the 24 day, 8 min. past 3 after noon. Stormy.

1	e	☿	0	41	♊	21	48	Sagit. 5	✶ ♃ ☾ Fair and
2	f	Whitsunday				21	46	19	good. ♂ ☿ ☾
3	g	Erasmus				22	43	Capr. 2	Some winde.
4	a	♄	18	20	♍	23	40	16	Cool ✶ ♄ ☾
5	b	Boniface				24	37	Aquar. 0	✶ ♃ ☾ Clear
6	c	♃	4	19	♎	25	34	15	weather, and
7	d	♂	4	28	♉	26	31	29	hot. ✶ ♂ ☾
8	e	Medard				27	28	Pisces 13	△ ♄ ☾
9	f	Trinity sund.				28	25	27	Rain like.
10	g	Onuphrius				29	22	Aries 11	✶ ☿ ☾ Fair
11	a	Sun in Cancer				0	♋ 19	25	and good all this
12	b	☿	27	53	♊	1	19	Taur. 7	week. ♂ ♂ ☾
13	c	☿	22	58	♊	2	14	23	♂ ♄ ☾
14	d	Term begins				3	11	Gem. 6	△ ♃ ☾
15	e	Vitus				4	8	20	☌ ☿ ♃ ☾
16	f	1 after Trin.				5	5	Canc. 3	Thunder, winde,
17	g	Octab. Trin.				6	2	16	and very stormy
18	a	♄	17	43	♍	6	59	29	this week: chiefly
19	b	Gervase				7	56	Leo 11	the 16, 18, 19, 20,
20	c	Sylverius				8	53	23	and 21 days.
21	d	♃	5	21	♎	9	50	Virg. 5	✶ ☿ ☾
22	e	♂	15	16	♉	10	47	17	△ ♂ ☾
23	f	2 after Trin.				11	44	29	A fair day, but
24	g	John Baptist				12	41	Libra 11	storms with some
25	a	☿	13	51	♋	13	38	23	thunder and hail
26	b	☿	20	48	♋	14	35	Scorp. 5	quickly after.
27	c	7 Sleepers				15	33	17	Thunder or heat.
28	d	♄	17	26	♍	16	30	Sagit 0	✶ ♃ ☾
29	e	Peter Apostle				17	27	13	Cooler △ ♄ ☉
30	f	3 after Trin.				18	24	27	then before.

The sixth day of *Sivan* (being the third moneth) the law was given upon mount Sinai, on the fiftieth day after the Exodus. This was on the nineteenth day of June, and seventh day of the week: from whence to this year will be 3150 years fully finished.

June.

Days of the month.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	3	46	8	14
2	3	46	8	14
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	44	8	16
16	3	44	8	16
17	3	45	8	15
18	3	45	8	15
19	3	46	8	14
20	3	46	8	14
21	3	47	8	13
22	3	47	8	13
23	3	48	8	12
24	3	48	8	12
25	3	49	8	11
26	3	49	8	11
27	3	50	8	10
28	3	50	8	10
29	3	51	8	9
30	3	52	8	8

July hath xxxi days.

Full moon the 2 day, 21 min. past 2 in the morning.
Last quarter the 8 day, 54 min. past 6 at night.
New moon the 16 day, 37 min. past 3 in the morning:
First quarter the 24 day, 32 min. past 7 in the morning.
Full moon the last day, 28 min. past 10 before noon.

1	g	♃ 6 22 ♎	19	21	Capr. 11	Fair. ✱ ♄ ☾
2	a	Visit. Mary	20	18	25	Thund. & rain.
3	b	Term ends.	21	15	Aqua. 10	□ ♄ ☾
4	c	**Vlricus**	22	12	24	Heat. □ ♂ ☾
5	d	**Anselme**	23	10	Pisces 9	Clear and
6	e	♂ 25 3 ♉	24	7	24	calm.
7	f	4 after Trin.	25	4	Aries 8	Wind and like
8	g	**Chilian**	26	1	22	to thunder.
9	a	**Cyril**	26	58	Taur. 6	✱ ☉ ♂ Very
10	b	☿ 2 19 ♌	27	55	19	hot and fair
11	c	**Pius**	28	53	Gem. 3	for many days
12	d	☿ 20 29 ♌	29	♌ 50	16	together.
13	e	Sun in Leo	0	47	29	
14	f	5 after Trin.	1	44	Canc. 12	□ ♃ ☾
15	g	**Swithin**	2	42	25	✱ ♃ ☿
16	a	♄ 17 19 ♍	3	39	Leo 7	✱ ♃ ☿
17	b	♃ 8 25 ♎	4	36	19	□ ♄ ☾
18	c	♂ 3 52 ♊	5	34	Virg. 2	□ ♂ ☾
19	d	Dog days beg.	6	31	14	✱ ♄ ☾
20	e	**Margaret**	7	28	25	Hot weather.
21	f	6 after Trin.	8	26	Libra 7	♂ ♃ ☾
22	g	**Mary Mag.**	9	23	19	Thunder very
23	a	☿ 18 20 ♌	10	20	Scorp. 1	often in one
24	b	☿ 7 38 ♍	11	18	13	place or other
25	c	James Apost.	12	15	25	this week by
26	d	**Anne**	13	13	Sagit. 8	reason of heat.
27	e	**Martha**	14	10	21	△ ☿ ☾
28	f	7 after Trin.	15	8	Capr. 5	□ ♃ ☾
29	g	**Beatrix**	16	5	19	△ ♃ ♂
30	a	♄ 17 36 ♍	17	3	Aquar. 4	An obscure
31	b	♃ 10 37 ♎	18	0	18	close air.

Days of the month.

This moneth of old time was called Quintilis, because it was the fifth from March: but it lost that name in the days of Julius Cesar, and in honour of him born on the fourth Ides thereof, was called July, as both Macrobius and Censorinus shew.

July.

Days of the moneth.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	6	7	54
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	16	7	44
20	4	18	7	42
21	4	19	7	41
22	4	21	7	39
23	4	22	7	38
24	4	24	7	36
25	4	26	7	34
26	4	27	7	33
27	4	29	7	31
28	4	30	7	30
29	4	32	7	28
30	4	34	7	26
31	4	36	7	24

Auguſt hath xxxi days.

Laſt quarter the 7 day, 49 minutes paſt 1 in the morning.
New moon the 14 day, 13 minutes paſt 6 at night.
Firſt quarter the 22 day, about 10 at night. Showers.
Full moon the 29 day, 26 min. paſt 6 at night. Windy.

1	c	Lammas day	18	58	Piſces	5		Rain-like.
2	d	♂ 23 2 ♓	19	56		18	✱ ♄ ☾	Some-
3	e	♀ 1 55 ♍	20	53	Aries	3		thing turbid.
4	f	8 after Trin.	21	51		18		Good △ ☉ ☾
5	g	**Oſwaldus**	22	48	Taur.	2		weather.
6	a	**Sixtus**	23	46		16		Cool and cloudy.
7	b	♀ 20 56 ♍	24	44	Gem.	0	□ ☉ ☾	
8	c	♄ 17 56 m	25	42		13		Hot weather.
9	d	♅ 12 11 ♎	26	40		26		Very windy.
10	e	**Laurence**	27	37	Canc.	9		Fair and good
11	f	9 after Trin.	28	35		21		for many
12	g	**Clare**	29	33	Leo	4		days.
13	a	Sun in Virgo	0 ♍	31		16	✱ ♂ ☾	
14	b	♂ 20 34 ♓	1	29		28	☌ ☉ ☾	
15	c	Aſſumpt. Mary	2	27	Virg.	10	☽ apog.	
16	d	**Rochus**	3	25		22		About this time
17	e	♀ 19 30 ♍	4	23	Libra	4		thunder and hail.
18	f	10 after Trin.	5	21		16		Fair and good.
19	g	**Sebaldus**	6	19		27		Wind and wet.
20	a	☿ 21 31 ♍	7	17	Scorp.	9	✱ ☉ ☾	
21	b	♄ 18 39 m	8	16		21		Miſty ✱ ♀ ☾
22	c	♅ 14 36 ♎	9	14	Sagit.	4		Showers are
23	d	**Zacheus**	10	12		17		threatned, if not
24	e	Bartholmew	11	10	Capr.	0		thunder alſo.
25	f	11 after Trin.	12	8		13	✱ ♄ ☾	
26	g	♂ 27 50 ♓	13	7		27		Some wind.
27	a	Dog days end	14	5	Aqua.	12		Temperate.
28	b	♀ 2 48 ♎	15	3		27	△ ♂ ☾	Windy
29	c	Decol. J. B.	16	2	Piſc.	12		weather.
30	d	☿ 12 30 ♍	17	0		27		Hot enough.
31	e	**Paulinus**	17	59	Aries	12		Temperate.

This moneth of old was called Sextilis, but in honour of Augustus, who (in the 38 Julian year) took order for a full mending of the Kalender, it was by a decree in Senate appointed to be called August, according to the name of Augustus the Emperour.

August.

Dayes of the moneth.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	4	37	7	23
2	4	39	7	21
3	4	41	7	19
4	4	43	7	17
5	4	44	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	19	6	41
23	5	21	6	39
24	5	23	6	37
25	5	25	6	35
26	5	27	6	33
27	5	29	6	31
28	5	30	6	30
29	5	31	6	29
30	5	33	6	27
31	5	35	6	25

September hath xxx days.

Laſt quarter the 5 day, 10 minutes paſt 11 before noon.
New moon the 13 day, 57 min. paſt 10 before noon.
Firſt quarter the 21 day, 25 minutes paſt 10 before noon.
Full moon the 28 day, 5 min. paſt 3 morn. Wind & warm.
This full moon will be eclipſed.

1	☌	12 after Trin.	18	57	Aries 27	Temperate.
2	g	Veronica	19	56	Taur. 11	△ ☿ ☾ Wind
3	a	♄ 19 34 ♏	20	54	26	and wet.
4	b	♃ 17 15 ♎	21	53	Gem. 9	△ ♀ ☾
5	c	♂ 3 29 ♋	22	52	23	△ ♃ ☾
6	d	Magnus	23	50	Canc. 6	☌ ♂ ☾
7	e	Regina	24	49	18	△ ♄ ☾
8	☍	13 after Trin.	25	48	Leo 1	Cool.
9	g	Gorgonius	26	47	13	✶ ♃ ☾
10	a	♀ 18 51 ♎	27	45	25	☌ ♃ ♀ Moiſt
11	b	☿ 11 16 ♍	28	44	Virg. 7	weather.
12	c	♄ 20 20 ♏	29	43	19	✶ ♄ ☾
13	d	Sun in Libra	0 ♎	42	Libra 1	Temperate.
14	e	Holy rood.	1	41	13	□ ♂ ☾
15	☍	14 after Trin	2	40	24	☌ ☿ ☾ Wet
16	g	Euphemia	3	39	Scorp. 6	and windy △♂☾
17	a	Lampert	4	38	18	weather.
18	b	♃ 20 11 ♎	5	37	Sag. 1	✶ ☉ ☾
19	c	♂ 10 58 ♋	6	36	13	Cold wind.
20	d	Fauſta	7	36	26	✶ ☿ ☾
21	e	Matthew Ap.	8	35	Capr. 9	☌ ♂ ☾
22	☍	15 after Trin.	9	34	22	□ ♃ ☾
23	g	Eſdras	10	33	Aqua. 6	Wind and wet.
24	a	Samuel	11	33	20	Cold rain.
25	b	☿ 7 21 ♍	12	32	Piſc. 5	△ ☿ ☾
26	c	Cyprian	13	32	20	△ ♄ ☾
27	d	Coſ. & Dam	14	31	Aries 5	☌ ☿ ☾ Wind
28	e	wenceſlaus	15	30	20	and warm.
29	☍	Michael arch.	16	30	Taur. 5	Rain-like.
30	g	Hieron	17	29	20	Cloudy and cool.

The anticipation of the Autumnal Equinox since the Creation is found to be 41 days: for in the first year of the world it was about the 24 day of October, but is now about the 13 day of September, as the best Tables shew.

September.

Days of the month.	Sun rises. Ho. M.	Sun sets. Ho. M.
1	5 37	6 23
2	5 39	6 21
3	5 40	6 20
4	5 42	6 18
5	5 44	6 16
6	5 46	6 14
7	5 48	6 12
8	5 50	6 10
9	5 52	6 8
10	5 54	6 6
11	5 56	6 4
12	5 58	6 2
13	6 0	6 0
14	6 2	5 58
15	6 4	5 56
16	6 6	5 54
17	6 8	5 52
18	6 11	5 49
19	6 13	5 47
20	6 15	5 45
21	6 18	5 42
22	6 20	5 40
23	6 22	5 38
24	6 24	5 36
25	6 26	5 34
26	6 28	5 32
27	6 30	5 30
28	6 32	5 28
29	6 34	5 26
30	6 36	5 24

October hath xxxi days.

Laſt quarter the 5 day, 39 minutes before one morning.
New moon the 13 day, 46 minutes paſt 4 in the morn.
Firſt quarter the 20 day, 58 min. paſt 8 at night.
Full moon the 27 day, 58 min. paſt noon.

1	a	Remigius	18	29	Gem.	5	Obſcure air.
2	b	☿ 13 18 ♎	19	29		19	Fair.
3	c	♄ 22 24 ♏	20	28	Canc.	2	△ ♂ ♀ Wet
4	d	Francis	21	28		15	and windy.
5	e	♃ 23 52 ♎	22	28		28	Hail or ſleet.
6	f	17 after Trin.	23	27	Leo	10	Great winds
7	g	Marcellus	24	27		22	and very cold
8	a	♃ 19 43 ♋	25	27	Virg.	4	ſtorms theſe
9	b	☿ 24 36 ♏	26	27		16	days.
10	c	Gedeon	27	27		28	✶ ☿ ☾
11	d	Burchard	28	27	Libra	9	☌ ☉ ☿ Wet
12	e	Colman	29	27		21	and windy.
13	f	Sun in Scorpio	0 ♏	27	Scorp.	3	☌ ☿ ☾
14	g	Calixtus	1	27		15	△ ♂ ☾ 12 P.
15	a	Hedewig	2	27		28	Cloudy and
16	b	Gallus	3	27	Sag.	10	moiſt wea-
17	c	☿ 8 14 ♏	4	27		23	ther.
18	d	Luke Evang.	5	27	Capr.	6	✶ ☿ ☾
19	e	Ptolomie	6	27		19	Wind ✶ ♄ ☾
20	f	19 after Trin.	7	28	Aqua.	2	△ ♄ ♂
21	g	Urſula	8	28		16	Rainy windy
22	a	Cordula	9	28	Piſces	0	weather often.
23	b	Term begins.	10	29		14	Not very
24	c	Salom	11	29		29	cold.
25	d	Criſpinus	12	29	Aries	14	Milde.
26	e	Amandus	13	30		29	Pretty warm,
27	f	20 after Trin.	14	30	Taur.	13	☌ ☉ ☾
28	g	Simon & Jude	15	31		28	Wind, with
29	a	♄ 25 21 ♏	16	31	Gem.	13	ſnow or cold
30	b	♃ 29 18 ♎	17	32		27	rain: or ſome
31	c	Wolfgang	18	32	Canc.	10	hail.

Days of the month

The world seemeth to have had its beginning in the latter end of this moneth. In this moneth also king Solomon kept the Feast of Dedication after he had finished the temple for the 7th moneth (in which it was dedicated) began Octob. 5. in the year of the Julian Period 3710.

Days of the moneth.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	6	39	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

October.

November hath xxx days.

Laſt quarter the 3 day, 30 min. paſt 5 at night. Miſling.
New moon the 11 day, 13 min. paſt 10 at night.
Firſt quarter the 19 day, 25 min. paſt 4 in the morning.
Full moon the 26 day, 28 minutes before one in the morn

1	d	All Saints.	19	33	Canc. 23	△ ♄ ☾	Pretty
2	e	All Souls	20	34	Leo 6		milde.
3	f	21 after Trin.	21	34	19	☍ ♄ ♀	Miſling.
4	g	♂ 28 12 ♋	22	35	Virg. 1	□ ♄ ☾	& cloudy
5	a	Powder treaſ.	23	36	12		moiſt Ve. ♂ ♀
6	b	Leonard	24	36	24		air,
7	c	Florentius	25	37	Libr. 6		Cold with froſt,
8	d	♀ 1 26 ♍	26	38	18		hail or ſnow.
9	e	Theodoze	27	39	Scorp. 0		Fair and clear.
10	f	22 after Trin.	28	39	12	△ ☉ ♂	
11	g	Mart. pap.	29	40	24		Snow-like or
12	a	Sun in Sagit.	0 ♐	41	Sag. 7		ſleet.
13	b	☿ 19 18 ♐	1	42	20		Windy. ♂ ☿ ☾
14	c	Frederick	2	43	Capr. 3		Moiſt. ♂ ♀ ☾
15	d	Leopold	3	44	16		
16	e	♄ 27 29 ♏	5	45	29	✶ ♄ ☾	
17	f	23 after Trin.	6	46	Aqua. 13		
18	g	Octab. Mart.	7	47	26		Cold winter-like
19	a	Elizabeth	8	48	Piſces 10		windy weather.
20	b	♃ 3 17 ♏	9	49	24	△ ♄ ☾	
21	c	Obl. Mar.	10	50	Aries 9	△ ☉ ☾	
22	d	Cecilia	11	51	23		Rain. □ ♂ ☾
23	e	Clemence	12	52	Taur. 8		Fair and good.
24	f	24 after Trin.	13	53	22		Showers, clouds &
25	g	Quind. Mar	14	54	Gem. 6		wind. ✶ ♃ ☿.
26	a	Conradus	15	56	21		
27	b	♂ 29 32 ♋	16	57	Canc. 5	△ ♃ ☾	
28	c	Term ends	17	58	18		
29	d	Saturnius	18	59	Leo 1		Mixed weather
30	e	Andrew Apoſt	19	c	14		and cold ſtorms.

On the 15 day of the 8 moneth, Jeroboam instituted his feast for the worship of the two golden calves, the one at Dan, the other at Bethel. This was in the year of the Julian Period 3740, and 16 day of November and 7th day of the week, which was then the 15 day of the 8 moneth.

November.

Days of the moneth.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	40	4	20
5	7	42	4	18
6	7	44	4	16
7	7	45	4	15
8	7	47	4	13
9	7	49	4	11
10	7	50	4	10
11	7	52	4	8
12	7	54	4	6
13	7	55	4	5
14	7	57	4	3
15	7	58	4	2
16	7	59	4	1
17	8	0	4	0
18	8	1	3	59
19	8	2	3	58
20	8	3	3	57
21	8	4	3	56
22	8	5	3	55
23	8	6	3	54
24	8	7	3	53
25	8	8	3	52
26	8	9	3	51
27	8	10	3	50
28	8	11	3	49
29	8	12	3	48
30	8	13	3	47

December hath xxxi days.

Last quarter the 3 day, 21 min. past 2 after noon.
New moon the 11 day, 20 min. past 2 after noon.
First quarter the 18 day, 56 min. past 2 after noon.
Full moon the 25 day, 5 min. past 2 after noon.

1	f	Advent. sund.	20	1	Leo 27	Snow-like.	
2	g	Candida	21	3	Virg. 9	Clear ✱ ♆ ☾	
3	a	♀ 1 48 ♒	22	4	21	weather, as if it	
4	b	Barbara	23	5	Libra 2	△ ♀ ☾	would
5	c	♀ 8 52 ♑	24	6	14	freez.	
6	d	Nicholaus	25	8	26	Wind moistens.	
7	e	♄ 29 54 ♏	26	9	Scorp. 8	Fair and	
8	f	2 sun. in Adv.	27	10	20	freezing.	
9	g	Joachim	28	12	Sagit. 3	Some snow.	
10	a	♆ 7 21 ♏	29	13	15	♃ 2 48 ♎	
11	b	San in Capric.	0	♑ 14	29	Sleety cold	
12	c	Epimachus	1	15	Capr. 12	windy storms	
13	d	Lucy Virg.	2	17	26	like to be, and	
14	e	♂ 25 55 ♋	3	18	Aquar. 9	♒ ♆ ☾	some
15	f	3 sund.in Adv.	4	19	23	✱ ☿ ☾	frost.
16	g	♀ 17 20 ♒	5	21	Pisces 7	△ ♆ ☾	
17	a	Lazarus	6	22	21	△ ♂ ☾	
18	b	Christopher	7	23	Aries 5	△ ♄ ☾	
19	c	☿ 24 24 ♐	8	25	19	□ ♂ ☾	Cold
20	d	♄ 1 16 ♐	9	26	Taur. 3	abated.	
21	e	Thomas Apost	10	27	17	✱ ♂ ☾	
22	f	4 sund.in Adv.	11	28	Gem. 2	Cloudy.	
23	g	♆ 9 26 ♏	12	30	15	♂ ☿ ☾	
24	a	Adam & Eve	13	31	29	△ ♀ ☾	
25	b	Christmas day	14	32	Canc. 13	♂ ☉ ☾	
26	c	S. Stephen	15	34	26	☌ ☌ ☾	
27	d	S. John Evang.	16	35	Leo 9	Clear and	
28	e	Innocents day	17	37	22	frosty.	
29	f	1 sund.aft.Chr	18	38	Virg. 4	Cold rain or snow	
30	g	David	19	39	17	♂ ☉ ☌	warmer
31	a	Silvester	20	40	28	Some wind.	

December is the tenth moneth from March. It was sometime called *Amazonius*; and this in the reign of Commodus, who gave his own name to August: September he called *Herculeus*; October *Invictus*; November *Exuperatorius*, and December *Amazonius*. But these names quickly vanished.

December.

Day of the month.	Sun rising. Ho.	M.	Sun setting. Ho.	M.
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	16	3	44
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	16	3	44
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

Of the Eclipses this year.

OF four Eclipses, there will be but two of them visible in our Hemisphere: the first whereof is of the Sun, the other of the Moon. For (if clouds hinder not) two such may be seen in our Horizon this year 1661.

The first of the Sun will be on Wednesday, the twentieth day of March, in the forenoon. It beginneth at 34 minutes past eight in the morning: is at its greatest darkness by 37 minutes past nine; and by 42 minutes past ten, it will be fully ended: So that the whole time, from first to last, is two hours and eight minutes; and the parts or digits eclipsed, are seven and ten minutes. It is in Aries, the day house of Mars; in the tenth degree and fourteen minutes of which signe, this Eclipse happens.

The other (being an Eclipse of the Moon) will be on Saturday the 28 of September. It beginneth at 42 minutes past one in the morning: is at the greatest darkness about three; and endeth 16 minutes past four: So that the whole time of this Eclipse is two hours and thirty four minutes; and the digits or parts eclipsed, are 6 and 55 minutes, with 59 seconds more. It is in the fifteenth degree and eight minutes of Aries: and thereupon not fully five degrees from the place in which the Sun was in March at the time of his Eclipse. Saturn hath his fall in Aries, and Venus her detriment: but the Eclipse is in the Term of Mercury, and face of Sol; as by a table of the essential dignities of the Planets may be seen.

A Table for 28 years to find the Cycle of the Sunne, Dominicall Letter, and Leap-yeare.

yeare of the Lord.	cycle of the Sun.	Sund letter
1657	14	D
1658	15	C
1659	16	B
1660	17	A.G
1661	18	F
1662	19	E
1663	20	D
1664	21	C. B
1665	22	A
1666	23	G
1667	24	F
1668	25	E. D
1669	26	C
1670	27	B
1671	28	A
1672	1	G. F
1673	2	E
1674	3	D
1675	4	C
1676	5	B.A.
1677	6	G
1678	7	F
1679	8	E
1680	9	D.C
1681	10	B
1682	11	A
1683	12	G
1684	13	F. E

A Table for 38 years to find the Golden number and Epact.

years of the Lord.	Golden Number.	Epact.	years of the Lord.
1657	5	25	1676
1658	6	6	1677
1659	7	17	1678
1660	8	28	1679
1661	9	9	1680
1662	10	20	1681
1663	11	1	1682
1664	12	12	1683
1665	13	23	1684
1666	14	4	1685
1667	15	15	1686
1668	16	26	1687
1669	17	7	1688
1670	18	18	1689
1671	19	29	1690
1672	1	11	1691
1673	2	22	1692
1674	3	3	1693
1675	4	14	1694

Seek the year of the Lord wherein you desire to be satisfied, and you shall find placed, directly against it that which you look for. And thus must you do in both tables.

Phy-

Physical Observations.

FOur seasons of the yeare there are in all;
The Summer and the Winter, Spring and Fall;
In every one of these, the rule of reason
Bids keep good Diet, suting every season.

In Summers heat (when choller hath dominion)
Cool meats are best in use in my opinion.
The Fall is like the Spring, but endeth colder:
With wines and spice the Winter may be bolder.

In Spring your dinner must not much exceed;
In Summers heat but little meat shall need:
In Autumn ware you eat not too much fruit;
With Winters cold full meals do fittest suit.

For healthy men may cheese be wholesome food,
But for the weak and sickly 'tis not good.
Long sleep at after-noons, by stirring fumes,
Breeds sloth and agues, aking-heads and rhumes.

Great suppers do the stomack much offend:
Sup light if quiet you to sleep intend.
And think it good advice, not idle talk,
Which after supper saith, 'tis good to walk.

Fons, Speculum, Gramen, hæc dant Oculis relevamen;
Mane igitur monta, sed serum inquirito fontes.

The meaning of which two verses is this; namely, There be three things which greatly comfort the sight, that is, Clear water, a Clear glasse, and Green colours: Wherefore in the morning walk to the hills, and after supper by the water side. But beware of great suppers, and late: for great and late suppers do much hurt both the brain and eyes, and are therefore banished from all healthfull houses.

A perfect Table whereby (if you know but the Golden number and Sunday letter) you may finde Easter day for ever.

Mr. standeth for *March*, and *Ap.* for *April*.

G.N.	A	B	C	D	E	F	G
1	*Ap.* 9	10	11	12	6	7	8
2	*Mr.*26	27	28	29	30	31	*Ap.* 1
3	*Ap.* 16	17	18	19	20	14	15
4	*Ap.* 9	3	4	5	6	7	8
5	*Mr.*26	27	28	29	23	24	25
6	*Ap.*16	17	11	12	13	14	15
7	*Ap.* 2	3	4	5	6	*Mr.*31	*Apr.* 1
8	*Ap.* 23	24	25	19	20	21	22
9	*Ap.* 9	10	11	12	13	14	8
10	*Ap.* 2	3	*Mr.*28	29	30	31	*Apr.* 1
11	*Ap.* 16	37	18	19	20	21	22
12	*Ap.* 9	10	11	5	6	7	8
13	*Mr.*26	27	28	29	30	31	25
14	*Ap.* 26	27	18	19	13	14	15
15	*Ap.* 2	3	4	5	6	7	8
16	*Mr.*26	27	28	22	23	24	25
17	*Ap.* 16	10	11	12	13	14	15
18	*Ap.* 2	3	4	5	*Mr.* 30	31	*Ap.* 1
19	*Ap.* 23	24	18	29	20	21	22

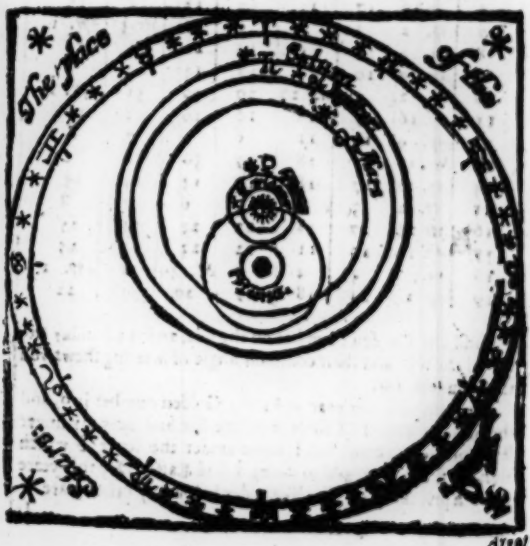
Find the Golden Number on the side, and the Sunday letter on the top, and their common angle of meeting shews you the day you seek for.

Example. In this year 1661 the Golden number is 9, and the Sunday letter F. I finde 9 on the side, and carry my finger straight on from thence till I come under the letter F which standeth on the top: and so doing I find Easter Day this yeare to be April the 14. The like order is for any other yeare.

It

It is an opinion which hath been maintained by many, both elder and later, that the ſtarres are moved in the Heavens by ſolid Orbs: but by the infallible obſervations, and unparalled inſtruments of the learned Tycho, that opinion is found to be altogether falſe. Beſide which, he hath diſcovered many other truths: as that ☿ and ♀ move about the ☉, that all the other Planets (except ☾) reſpect ☉ for their centre. That ♄ in ♂ to ☉ is nearer the earth then ♀ in Apogeon. That ♂ in ♂ is nearer then ☉ himſelf. I cannot enlarge for want of room: onely ſee this Figure.

Tycho's Syſteme or figure of the Heavens.



Argol likewise hath a figure of the Spheres, but not the same with *Tycho's*: yet because they both of them account the earth to be the centre of the world, and unmoveable; I shall here set it down, that the Reader may as well see the one as the other.

A Systeme or figure of the Heavens, according to *ARGOL*.

C A

A plain and easie table shewing the true interest due upon any summe of money from five shillings to an hundred pounds for a yeare or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A years.		
	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
Shill. 5	0	●	1	0	0	3	0	1	3	●	2	2	0	3	2
10	0	0	2	●	1	3	0	3	2	0	5	2	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	2
Pounds. 1	●	1	0	0	3	2	0	7	0	●	10	2	1	2	1
2	0	2	1	●	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	●
5	0	6	0	1	6	0	3	●	0	4	6	0	6	0	●
6	●	7	●	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	●	3	10	9	0
	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.
Tens of pounds. 10	0	1	●	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	●	12	0	0	18	0	1	4	0
30	●	3	0	0	9	0	0	18	0	1	7	0	1	16	●
40	●	4	0	0	12	●	1	4	●	1	16	0	2	8	0
50	0	5	0	0	15	●	1	10	0	2	5	0	3	0	●
60	●	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	●	1	1	●	2	2	0	3	3	0	4	4	0
80	0	8	●	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	●	2	14	0	4	1	0	5	8	0
100	●	10	●	1	10	●	3	●	0	4	10	0	6	●	●

A table of the increasing & decreasing of the dayes according as they either lengthen or shorten.

dayes	*January* ho.	m.	*February* ho.	m.	*March* ho.	m.	*April* ho.	m.	*May* ho.	m.	*June* ho.	m.
2	0	30	2	10	3	58	6	47	5	21	9	0
4	0	34	2	16	4	6	6	12	7	58	9	3
6	0	38	2	22	4	14	6	20	8	4	9	5
8	0	44	2	30	4	22	6	26	8	10	9	7
10	0	48	2	38	4	30	6	34	8	18	9	8
12	0	52	2	44	4	38	6	42	8	22	9	8
14	1	0	2	52	4	46	6	50	8	26	0	0
16	1	8	3	0	4	54	6	56	8	32	0	2
18	1	14	3	8	5	2	7	2	8	36	0	3
20	1	22	3	16	5	10	7	8	8	40	0	5
22	1	30	3	24	5	18	7	16	8	44	0	8
24	1	38	3	32	5	26	7	22	8	48	0	11
26	1	46	3	40	5	36	7	30	8	52	0	16
28	1	52	3	50	5	44	7	38	8	55	0	20
30	1	0	0	0	5	52	7	44	8	57	0	24

Dayes decreafe.

dayes	*July* ho.	mi.	*Auguſt* ho.	mi.	*Septemb.* ho.	mi.	*Octob.* ho.	mi.	*Novemb.* ho.	mi.	*Decemb.* ho.	mi.
2	0	22	1	52	3	50	5	52	7	46	9	0
4	0	26	2	0	3	58	6	0	7	54	9	3
6	0	30	2	6	4	6	6	8	8	0	9	5
8	0	34	2	12	4	14	6	16	8	8	9	7
10	0	40	2	18	4	22	6	24	8	16	9	8
12	0	42	2	26	4	30	6	30	8	20	9	8
14	0	48	2	34	4	38	6	38	8	24	0	0
16	0	54	2	42	4	46	6	46	8	28	0	1
18	1	0	2	48	4	54	6	52	8	32	0	3
20	1	8	2	56	5	2	6	58	8	36	0	5
22	1	14	3	4	5	10	7	4	8	40	0	8
24	1	20	3	12	5	18	7	12	8	44	0	12
26	1	26	3	20	5	26	7	20	8	48	0	16
28	1	34	3	28	5	36	7	26	8	52	0	20
30	1	42	3	37	5	44	7	34	8	56	0	24

Dayes increafe.

Of the four Seasons of the year, and of the diseases incident to them, as they vary from their natural temper.

And first of the Spring.

THe wished and the welcome Spring takes its beginning with the Suns entrance into Aries: which will be this year on the ninth day of March, 51 minutes past 12 at night, at which time the dayes and nights are of equal length. This season is naturally hot and moist: But if it so vary from this natural temper as that it be windy and dry, then is it bad for old folks and child-bearing women. If very wet, expect dangerous Agues the Summer following, with Apostumes, Phrenzies, and the like. But if very cold and wet, with many South winds, it is likely to breed dangerous and infectious diseases.

Of Summer.

WHen the Summer quarter is dry and full of North-winds, and the Autumne after it rainy, and South-winds common in it, then look for Coughs, Rheumes, Hoarseness, and in some Consumptions, as also great pains in the head towards the winter after. This quarter begins with the Suns entrance into Cancer on the eleventh day of June, 38 min. past 3 morning. The dayes are now with us, at and about Cambridge, 16 houres and 34 min. long, and the nights like unto the shortest dayes in Winter, onely 7 houres and 26 minutes.

Of

Of Autumn.

When this ſeaſon is dry and full of North winds, then ſhall men and women, who are of moiſt complexion, be in beſt health: But men of other natures and complexions, ſhall be diſabled with divers dry diſeaſes, with long and ſharp Feavers, and other melancholly griefs. This quarter begins on the twelfth day of September about 40 min. paſt 6 at night & now are the days and nights again of equal length the Sun then entring Libra.

Of Winter.

The winter quarter begins on the 11 day of December, at eighteen minutes paſt ſix in the morning, at which time the dayes are as ſhort as the nights were in the Summer: for now the Sun enters Capricorn, which is the Sign oppoſite to Cancer. If the Winter be dry and full of South-winds without froſts, it bringeth pains in the breaſt, coſtiveneſs in the belly, ſtopping of the urine, exulcerations, with inflamations and ſharpneſs of urine. This is that quarter which is naturally like to old age, in which mans radical moiſture (like oyl in a lamp) being extinguiſhed, death addeth a period to his dayes, like Winter ſtorms which kill weak herbs, and old decayed plants.

And therefore Man thou art but like to graſs,
Which ſpringing up with ſyth may chance be crop̃t
Before the Summer of thy age do paſs,
Or Autumns leaves from fading trees be dropt;
Yet is thy hap, if that thou liv'ſt thus long,
Age like the Swan, will ſing thy dying ſong.

A Table of the Eſſential Dignities of the Planets, according to *Ptolemy*.

Signes.	Houſes of the Planets.	Exaltati-on.	Triplicitie of the planets Di.	Noc.	The Terms of the Planets.					The faces of the Planets.			Detri-ment.	Fall.
♈	♂ ♄	☉ 19	☉	♃	♈ 6	♉ 14	♊ 21	♂ 26	♄ 30	☉ 10	☽ 20	☿ 30	♀	☉
♉	♀ ☽	☽ 3	♀	☽	♉ 8	♊ 15	♐ 22	♃ 26	♂ 30	☽ 10	☿ 20	♄ 30	♂	☽
♊	☿ ☿	☿ 3	♄	☿	♊ 7	♈ 14	♑ 21	♀ 25	♃ 30	☿ 10	♀ 20	☉ 30	☿	☿
♋	☽ ♃	♃ 15	♂	♂	♋ 6	♉ 13	♒ 19	♄ 25	♂ 30	♀ 10	♄ 20	☽ 30	♃	♃
♌	☉ ☉	☉	☉	♄	♌ 6	♐ 13	♒ 18	♃ 24	♂ 30	☉ 10	♂ 20	♀ 30	♄	♂
♍	☿ ♀	♀ 15	♀	♀	♍ 7	♑ 13	♓ 18	♄ 24	♂ 30	☽ 10	♀ 20	☿ 30	♀	☽
♎	♀ ♂	♄ 21	♄	♂	♎ 6	♒ 11	♐ 19	♃ 24	♂ 30	☿ 10	☽ 20	♄ 30	♂	☉
♏	♂ ♂	☿ 15	♂	♀	♏ 6	♐ 14	♑ 21	♀ 27	♃ 30	♀ 10	☿ 20	♂ 30	☿	♀
♐	♃ ♃	♂ 3	☉	☉	♐ 8	♑ 14	♒ 19	♃ 25	♂ 30	♂ 10	♀ 20	☽ 30	♃	♄
♑	♄ ♄	♀ 27	♀	♀	♑ 6	♒ 13	♓ 20	♀ 25	♄ 30	♃ 10	♂ 20	☿ 30	♄	♃
♒	♄ ♄		♄	♂	♒ 6	♓ 14	♈ 20	♃ 25	♂ 30	♄ 10	♃ 20	♀ 30	♂	☉
♓	♃ ♃		♃	♃	♓ 8	♈ 14	♉ 20	♀ 26	♄ 30	♂ 10	♄ 20	☽ 30	♃	☽

Observations concerning the change of weather.

Signes of fair weather.

The Sun rising and setting clear; The Moon clear three daies after the Change, or three daies before the Full; Spots appearing in a Full Moon; Towards Sun-setting clouds with golden edges; A cloudy skie clearing against the wind; The Rain-bow appearing onely meanly red and yellowish; A red Evening with a gray morning; The Crow crying betimes in the morning; Any of these are usuall signes of fair weather.

Signes of rain.

When the Sun in his rising is hid by a black cloud; when the moon within 3 or 4 dayes after the Change is blunt on both horns; A rain-bow appearing in a fair day, the greener the more rain; The extraordinary chattering of the Pie, The often twitting of the Owl; The screaming of the Peacocks, Cattel licking their hoofs behinde; when the biggest stars onely appeare, and that mistily; Lute or Viol strings cracking when they are not touched, Any of these are usuall signes of rain.

Signes of wind.

Red clouds in a morning; Often shoting of stars; Clouds flying swift in a clear aire; The rain-bow red, Black circles with red strikes about the Sun or Moon, Stars dimde and fiery: Mat it is a signe of wind and showers, when the sun-beams appear before the sun riseth; or if the sun set pale, or be inclosed with a black circle when he is neare the time of his setting.

Signes of hot weather.

MAny Bats flying abroad sooner then ordinary; A white mist arising out of moors, or waters, before sun rise, or after sun-setting; Kites flying high in the air; Crows, or Ravens gaping against the sun; Store of flies playing in the sun-shining towards night.

Signes of cold weather; of Frost, of Snow and of Hail.

CLouds flying low, seeming to touch the tops of hils are signes of cold weather; Great flocks of small birds gathered together in the beginning of winter, do foretell either cold storms, or frosty weather; If in the winter the sun shine clear towards night, and redder then before, any cold wind blowing, expect a frost; The extraordinary twinckling of the stars foretelleth an hard frost; Clouds upon heaps like Rocks, in summer hail, but in winter snow; An obscure circle about the sun or moon in the winter, or a sudden overcasting of the aire, is a very likely token of snow.

Signes of drought.

STars seeming dim and fiery red, do signifie either drought, or wind, or both.

Signes of the continuance of a frost, and of thawing.

SNow falling in the beginning of a frost, if it fall very small, then is the weather colder, and the frost like to hold: but if the snow fall big, and in great flakes, then is it like to thaw very suddenly: other signes of a thaw may be the sudden turning of the wind, especially into the South.

Other

Other obſervations to foreknow the ſtate of the year.

O*Rigamus* noteth, that the eighth of *June* (being *dies Medardi*) is held to be a Critical day by reaſon of the doubtfull conſtitution of the aire, which the ſtars of the nature of *Venus* and *Mercury* then make: inſomuch that if it be a rainy day, it foretelleth a wet & rainy harveſt or hay-time: if fair, the contrary; Which obſervation (ſaith he) although it doth not alwayes hold, yet doth it ſeldome altogether fail.

The ſame authour alſo ſaith, that the ſecond of *July* (when the firſt ſtar in the girdle of *Orion* riſeth with the Sun in the 19 degree of *Cancer*) is likewiſe a Critical day; inſomuch that if it rain on the firſt (or ſecond rather) of *July*, it oftentimes doth (more or leſs) for four weeks together.

The ſame authour ſaith again, that if the 24 of *Auguſt* be fair and clear, then do the husbandmen hope for a good and proſperous Autumn to ſucceed that year.

The firſt of *September* is alſo ſaid to be Critical to the Huntſmen in their obſervation: for firſt (but the rule doth not alwayes hold) if it rain not on this day, the reſt of Autumn is like to be dry. Secondly, if the Bucks & Does be hardly brought to copulation, then ſhall be a backward winter: and ſo on the contrary: *Ptolomy* (to whom *Stadius* aſſenteth) ſaith, that as the ſwallows begin not at all to appear before the tenth day of *March*, ſo after the twelfth of *September*, they be ſeen that year no more.

It is common among the countrey people, to judge of the following winter by the quarter wherein the wind ſhall be on the firſt of *November*: But that which is more obſervable is the ſecond of *November*, which to the Arabian Aſtrologers was a Critical day, from whence they could know ſomething in general concerning the diſpoſition of the air in rain, thunder and lightning. For if *Jupiter*, *Venus*, and *Mercurie* were then Occidental, or retrograde, they judged much rain to be in that year. They alſo had an eye to *Saturn* and *Mars*, whether

whether of them were the ſtronger, as alſo what ſocietie they had with the other Planets, chiefly with *Mercury*; that ſo they might judge the better concerning the following changes of the aire.

On the tenth of *November* (being the eve of S. *Martin*) the *Germans* uſe to feaſt themſelves with geeſe; and as *Olaus Magnus* reporteth, the Northern people uſe by the breaſt-bone thereof to prognoſticate of the following winter. For if the breaſt-bone of the gooſe be fair and clear when the fleſh is eaten off, the winter is like to be cold and rigid, full of hard froſts. But if it be thick and dark, then is the winter like to be full of ſnow, rain and ſleet, and yet warm enough. But that this ſhould be a token of ſuch a prognoſtick, *Origanus* doubteth.

Some take a further knowledge of the ſtate or qualitie of the year, after this manner. Firſt (ſay they) in the end of Harveſt cut open two or three oak-apples, looking whether there be in them either flies, worms, or ſpiders; and if in the oak-apple be found worms or magots, then they ſignifie dearth and ſcarcity that year. Or if in the oak-apple cut open be found like to flies, it is a ſigne of ſome battel to enſue that year. Or if in the oak-apple be found like to ſpiders, then do they fore-ſhew plague or peſtilence to follow that year. From which, and the like calamities, *Good Lord deliver us.*

Some perhaps may think this to be but a ſuperſtitious obſervation, but they are ſimple and fooliſh not to know that this proceedeth from the conſtitution of the aire; which [whether wholeſome or unwholſome] appeareth more ſubtilly in ſuch things as theſe, then to the ſenſe of man it either doth or can. And if the aire be corrupted, putrefaction abounds, things growing are blaſted, the humours altered, bloud corrupted, and diſeaſes equivalent produced, as alſo the minde of man inclined to ſuch and ſuch actions as agree thereunto.

Other

Other profitable inſtructions right neceſſary for husbandmen to know.

And firſt of Sheep.

IF a Ram be fierce and will not be tamed, catch him and bore a hole through his horn neare his eare.

If when he covereth the ew the wind blow out of the South, then commonly he begetteth a ſhe-lamb: but if it blow out of the North, an he-lamb. Alſo know that ews by drinking of water conceive the ſooner: for which cauſe ſome ſheepherds uſe to give them ſalt to eat, both that they may drink the more freely, and be the better in health.

Note alſo that when the old rams in their time to cover the ews, be ſooner moved thereto then the young rams, it doth then ſignifie a good ſeaſon and proſperous yeare for ſheep: But if at the proper time to cover the ew, the young rams be ſooner provoked thereto then the old rams, then there is like to follow a great rot and murrain of ſheep. The way (ſay ſome) to cure them that they die not, is to take the belly of a ram and ſeeth it in wine and water together, which after mix with water, and give the ſame generally to all the ſheep to drink, and by ſo doing they ſhall be cured.

When

When you ſhear them, if you would that their fleeces ſhould grow again thick and faſt, let the Moon be increaſing, and by no means paſt the full, except it be for ſcabby and infected ſheep, ſuch as are every day ready to looſe their wool: for it is beſt to clip them when the moon decreaſeth.

Geld ſheep and other cattell, the Moon in *Aries*, *Sagittarius*, or in *Capricorn*, being in her laſt quarter, benignely configurated, and free from the rayes of *Saturn* and *Mars*. And if when you wean your calves or other young cattel, you would not that they ſhould prove giddie, be ſure that the Moon be not within three dayes of her change, either before or after: For the prime is within 3 dayes and 18 houres before or after the change, as wel as on the very day that the moon changeth.

Directions in planting and grafting, as alſo in other husbandarie affairs.

IN *January* take off ſuperfluous branches from your fruit-trees, and prepare your ground for Gardens, uncover Tree-roots; cut your Vines in ſome of the Twelve dayes.

Set Quick-ſets, Roſes, and ſallets in the end of *January*, and the moneth following. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

Plant when the Moon is aſpected by *Jupiter* or *Venus* in *Taurus*, *Leo*, *Scorpio*, or *Aquarius*: or in a Conjunction, Sextile, or Trine aſpect with *Saturn*, and free from the body and rayes of *Mars*.

In *March*, the weather being warm, and the wind neither in the Eaſt or North, you may cut and graft trees, the Moon decrea-

decreasing, and in *Aquarius*, especially if she be configurated with *Jupiter* or *Venus*.

In the end of *April*, or beginning of *May*, set and sow tender Herbs and Seeds in your gardens, in a good temperature of air.

Remove young Trees either in the end of *October*, in *November* or *February*, the Moon increasing: and be sure to set that side South which was South before, because it cannot endure the cold North.

Gather all Fruit that you mean to keep, in a drie time, when the Moon is past the full, decreasing, and aspected by *Jupiter* or *Venus*.

Sow all such seeds as have round roots, either three or four daies after the full, or three or four daies before the full, when *Saturn* is in some good aspect with the Moon, and free from the rayes of *Mars*.

Yea, at all times either in sowing of corn or of other seed, it is best to do it when *Saturn* is not combust nor retrograde, nor peregrine; but rather (if you can stay for such a time) when he is in some of his dignities, or in a good aspect of the Moon; and (as I said before) free from the rayes of *Mars*.

Observe this likewise, That if you would have your nails grow fair and clear, then must you use to cut them whilest the Moon encreaseth in *Taurus*, *Libra*, *Aries* or *Leo*, and in some friendly aspect either with the Sun or *Venus*. But however let not the Moon be in *Gemini* or *Pisces*, nor any of those two signs ascending.

Note also that in the weaning of infants, if you would that the childe should not be fond of the nurse, but quickly forget the breast, let not the Moon be in *Taurus*, or *Libra*, but rather in *Gemini*, *Sagittarius*, *Capricorn*, or *Aquarius*, far from the Sun, near the full, and not at all aspected. For the children that be thus weaned will quickly forget the breast, and be also forward to fasten upon any other food.

How

How to graft fruit that ſhall have no core.

TAke a graff and bow it ſo as both ends may meet: cut both theſe ends graff-wiſe, and ſo faſten them into the ſtock. And if it grow ſo with the tree, cut away the great end, and let the ſmaller end grow: ſo ſhall the fruit be without core.

How to make a tree bear red apples.

IF you would that your apples ſhould be red, take a graff of an apple-tree, and graft it in a ſtock of elm or elder, and it ſhall bear red apples. Alſo you may bore an hole in an apple- tree to the pith, and put into the hole water of what colour you will: then ſtop up the hole with a pin made of the wood of the ſame tree: So ſhall the apple be of the ſame colour with the liquour, which you put and ſtopped into the hole.

How to make a ſowre tree bring forth ſweet fruit.

IF you have a fruit-tree that is ſowre, and would that it ſhould bear ſweet fruit, you muſt dig the root round about and dung it with pigs dung; ſo ſhall the fruit be ſweet: eſpecially if you take a piercer, and therewith make an hole in the tree to the pith, and into the hole put water tempred with hony, ſtopping the hole again with a pin of the ſame tree.

How

How to make vines grow on cherry-trees.

IF you would that a vine ſhould grow on a cherrie-tree, and have the taſt of cherries, ſet a vine by a cherry-tree till it grow: and in the beginning of *February* make an hole through the cherry-tree in what place you think beſt: then draw through the hole a branch of the vine, ſo that it fill the hole, ſhaving away firſt as much of the old bark of the vine as ſhall be in the hole; that is, as much as extends to the thickneſs of your cherry-tree. This done, you ſhall wrap it well about with good earth, and bind it well with a little cloth, and order it in all things as in other graffings, remembring to cut away the vine from the cherry-tree at the root-end thereof, either then when you firſt draw it in, or (which is beſt) a year after.

Infallible ſignes of Rain.

IF in the morning ſky or Sun be red,
Or at the night in cloud he makes his bed;
When Sun or Moon look pale, or ſeem too great,
Or lamps and lights do ſpark, and ſtones do ſweat,
If Sun be early ſeen, ſtars few in ſights,
The wind at South, no dew to fall i'th night;
If winds do often change, and froggs are crying,
The Bees in haſte unto their hives are flying;
When fleas, and flyes, full ſore begin to bite,
And birds and beaſts have greedy appetite;
When ſeelings crack, and peacocks cry amain,
Soon after look for tempeſt, or for rain.

The

The Aſpects amongſt the Planets both old and new.

☌	*Conjunction*, in the ſame ſigne and degree.	8. D.
⚺ S	*Semiſextile*, when Planets are diſtant 30 degr. or	1. 00
⚹	*Sextile*, when they are diſtant 60 degr. or	2. 00
Q	*Quintile*, when diſtant 72 degrees or	2. 12
□	*Quartile*, when they are diſtant 90 degr. or	3. 00
Td	*Tredicile*, when they be diſtant 108 degr. or	3. 18
△	*Trine*, when diſtant 120 degrees or	4. 00
B.q	*Biquintile*, when diſtant 144 degrees or	4. 24
Vc.	*Quincunx*, when they are aſunder 150 degrees or	5. 00
☍	*Oppoſition*, when diſtant 180 degrees or	6. 00

The Characters of the ſeven Planets, &c.

1 ♄ Saturn *his houſes*, Capricorn and Aquarius.
2 ♃ Jupiter *his houſes*, Sagittarius and Piſces.
3 ♂ Mars *his houſes*, Aries and Scorpio.
4 ☉ The Sun *his houſe*, is Leo.
5 ♀ Venus *her houſes are*, Taurus & Libra.
6 ☿ Mercury *his houſes*, Gemini and Virgo.
7 ☾ The Moon *her houſe*, Cancer.

The *Dragons* Head ☊
The *Dragons* Tail. ☋

A rule to know the Epact, which is the age of the Moon the 28 of February.

Whenſoever the *Golden Number* is 3, 6, 9, 12, 15, or 18. then the *Epact* is the ſame.

The *Golden Num.*	1	2	4	5	7	8	10	11	13	14	16	17	19
The *Epact* is	11	22	14	25	17	28	20	1	23	4	26	7	29

FINIS.